

IN THE SPECIFICATION:

Please amend the paragraph in the specification at page 48 lines 25 to 33 to read as follows:

The scaling analysis always starts from the previous scale factor S_{prev} . At initialization from scratch, this is of course $S_{\text{prev}}=1$. The new quote p is checked in comparison to the old quote p_{prev} . (At initialization from scratch, p_{prev} is initialized to the first incoming quote value). Normally, $p/p_{\text{prev}} \geq \sqrt{10}$ and $\left[\left[p/p_{\text{prev}} > \sqrt{10} \right] \right] p/p_{\text{prev}} \leq \sqrt{10}$. (Square roots of 10 are used in these tests as natural separators between factors of 10). In rare cases, one of these conditions is violated. If p and p_{prev} have different signs, the whole analysis is stopped and the old factor S_{prev} is kept. Otherwise the power of 10, 10^n is determined that satisfies $10^n p/p_{\text{prev}} \geq \sqrt{10}$ and $10^n p/p_{\text{prev}} < \sqrt{10}$. The newly proposed scaling factor is then $10^n S_{\text{prev}}$.